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Docket No.: SON-2563  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Koichiro Saga

Application No.: 10/501,155

Confirmation No.: 5207

Filed: July 13, 2004

Art Unit: 1746 (Per Public PAIR)

For: SURFACE TREATMENT METHOD,  
SEMICONDUCTOR DEVICE, METHOD OF  
FABRICATION SEMICONDUCTOR  
DEVICE, AND TREATMENT APPARATUS

Examiner: Mikhail Kornakov (Per  
Public PAIR)

**FIFTH INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Further to the prior four Information Disclosure Statements previously submitted, pursuant to 37 CFR 1.56, 1.97 and 1.98, the Applicant hereby provides for the attention of the Patent and Trademark Office the four Japanese language documents with translations as listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Copies are provided. This submission is timely in that it is made prior to a first action on the merits of this application.

This will also certify that each item of information contained in this fifth Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Specifically, these documents were noted in an Action dated June 5, 2007 in the corresponding Japanese priority

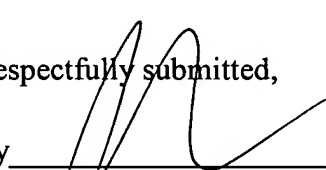
application. A copy of the Japanese Action is provided, though a translation is not readily available. The relevance of the cited documents can be gleaned from their English translations, and by noting that HEI 10-135170 and HEI 10-099806 were cited in the ISR and presented in the IDS at filing. The ISR will show the perceived relevance of those two previously-cited documents in the view of the International search authority.

Please take these documents, the documents cited in the prior submissions, and the Background of the Invention. at pages 1 through 7 in the specification as filed, into account in the initial examination of this application and make all of their considerations of record.

Dated: August 8, 2007

Customer No. 23353

Respectfully submitted,

By   
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Used in Lieu of PTO/SB/08A/B  
(Based on PTO 04-07 version)

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/501,155-Conf. #5207
				Filing Date	July 13, 2004
				First Named Inventor	Koichiro Shoji
				Art Unit	1746
				Examiner Name	M. Kornakov
Sheet	1	of	1	Attorney Docket Number	SON-2563

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	JP-10-135170	05-22-1998	Texas Instruments Inc		✓
	BB	JP-10-099806	04-21-1998	Texas Instruments Inc		✓
	BC	JP-2002-237481	08-23-2002	Kobe Steel Ltd		✓
	BD	JP-2002-222786	08-09-2002	Ibm		✓

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author ( in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Copy of Japanese Office Action dated June 5, 2007 issued in copending application No. 2004-225263	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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